

SIRTf Guaranteed Time Observer Science Plans – April 28, 2000

C. Solar System Science

[plans may change prior to publication of Reserved Observations Catalog on June 30, 2000]

Project Name	Description, including number of targets	AOTs/Modes to be used	Time (Hr)	GTO Group
	Spectroscopic study of 6 Centaur and related objects selected to sample the full variety of surface types already revealed in 1-2.5 um spectra.	IRS, Lo-Resolution Modules	16	Cruikshank
	Spectroscopic study of 12 of the satellites of Saturn, Uranus, and Neptune	IRS Lo-Resolution Modules	16	Cruikshank
	Spectroscopic study of 6 low-albedo asteroids in Main Belt and Trojan zones.	IRS Long-Lo Module	8	Cruikshank
	Spectroscopic study of Pluto	IRS Long-Lo Module	10	Cruikshank
	Thermal study of Pluto through at least one 6.4-day rotation on its axis.	MIPS 70um plus MIPS SED	15	Cruikshank
	Thermal studies of 6 Kuiper Belt Objects	MIPS 70um plus MIPS SED	18	Cruikshank
	Thermal studies of 6 Centaur and related objects	MIPS 25um, 70um, and SED	10	Cruikshank
	Thermal study of Neptune's satellite Triton	MIPS 25um	2	Cruikshank
	Icy solar system bodies	IRS lo-res modules, MIPS, IRAC	30	IRS Team
	Solar System Comets	MIPS Scan Map, all bands	10	Gehrz
	Far-IR Observations of Solar System Objects with MIPS	MIPS photometry	15	MIPS Team